

CURRICULUM VITAE

Stephanie Joan London

PERSONAL INFORMATION

Full Name:	Stephanie Joan London
Address:	NIEHS, Epidemiology Branch, MD A3-05 P.O. Box 12233, Research Triangle Park, NC 27709
Date and Place of Birth:	May 21, 1957, New York City
Citizenship:	U.S.A.

EDUCATION

Harvard College, Cambridge, MA, A.B. *cum laude* in History and Science, 1978

Advanced

Harvard Medical School, Boston, MA, M.D., 1983

Harvard School of Public Health, Boston, MA, M.P.H., 1983

Harvard School of Public Health, Boston, MA, Dr.P.H., 1989

EXPERIENCE

1983-1984	Intern in Internal Medicine, Massachusetts General Hospital, Boston, MA
1984-1986	Resident in Internal Medicine, Massachusetts General Hospital Boston, MA.
1986-1989	Staff Physician, Occupational Medicine Clinic, Massachusetts General Hospital, Boston, MA
1987-1989	Resident in Occupational Medicine, Harvard School of Public Health, Boston, MA
1989-1995	Assistant Professor, Division of Occupational and Environmental Medicine, Department of Preventive Medicine, University of Southern California School of Medicine, Los Angeles, CA.
1995-2002	Tenure Track Investigator, Epidemiology Branch, National Institute of Environmental Health Sciences, Research Triangle Park, NC
1995-present	Research Associate Professor (adjunct appointment), Department of Preventive Medicine, Division of Occupational and Environmental Medicine, USC School of Medicine
1996-present	Adjunct Associate Professor, Department of Epidemiology, University of North Carolina School of Public Health
2002-present	Adjunct Professor, Department of Epidemiology, University of North Carolina School of Public Health
2002-present	Senior Investigator (tenured), Epidemiology Branch, National Institute of Environmental Health Sciences

Medical Certification:

Medical Licensure	California, G 70347
Board Certification	American Board of Internal Medicine, 1987 American Board of Preventive Medicine - specialty in Occupational and Environmental Medicine, 1992

Membership in Professional Societies:

1986-1989	Massachusetts Medical Society
1988-present	Society for Epidemiologic Research,
1995-present	International Society for Environmental Epidemiology
1992-1999	American Association for Cancer Research
1999-present	American Thoracic Society

Honors and Recognition:

1977	Phi Beta Kappa, Harvard University
1982	Schweitzer Fellow, Lambarene, Gabon
1986-1989	National Research Service Award
1993-1995	Research Career Development Award, Stop Cancer Foundation

Reviewer for Funding Agencies

National Institute of Health

1994	Review Committee, National Institute of Environmental Health Sciences: Superfund Hazardous Substances Basic Research Program.
1994	Special Review Committee, National Cancer Institute, Breast Cancer and the Environment on Long Island.
1996	Special Review Committee, RFA CA 96-016, National Cancer Institute/ National Action Plan for Breast Cancer, Small Grants Program.
1996	Temporary Member, Epidemiology and Disease Control 2 Study Section, National Institutes of Health
1997	Special Review Committee, National Cancer Institute. RFP N01-CP- 71015-09 Epidemiologic Studies of Cancer Among Atomic Bomb Survivors.
1998	Special Review Committee, National Institute of Environmental Health Sciences RFA 98-007 "Structure-Function Relationships of Environmentally Relevant Genetic Variants"
1998	National Cancer Institute Scientific Review Group, Subcommittee E, on Cancer Epidemiology, Prevention and Control, Temporary Member for review of family study of genetics of lung cancer
2002	World Trade Center Supplement Proposals (ES02-006) review panel. NIEHS.

2009	Special Review Committee, National Heart Lung and Blood Institute, RFA08-009, Development Origins of Altered Lung Physiology and Immune Function. February 18, 2009.
2010	Special Emphasis Panel, National Inst of Allergy and Infectious Diseases, RFA-AI-09-039, "Consortium of Food Allergy Research". March 22, 2010.

Additional Funding Reviews

1996	Chairperson, Special Review Panel for the Wireless Technologies Resources Epidemiologic Investigations.
1996-present	External Reviewer, Southern California Environmental Health Sciences Center, Research Pilot Project Program.
1998	Scientific Review Panel, Electric Power Research Institute, Occupational exposure to magnetic fields and the risk of breast cancer. August 1998.
1999	Special Emphasis Panel for Program Announcement 99117 on "Prevention Research Using Genetic Information to Prevent Disease and Improve Health". Office of Genetics and Disease, Centers for Disease Control.
2000	Review panel for RFA 02-1: "Measuring the Health Impacts of Actions that Improve Air Quality." Health Effects Institute.
2003	Scientific Review Panel for RFA on Long Term Survivors of Cancer. NCI, October 8-9, 2003.
2007	International Peer Review Committee, Canadian Institutes of Health Research, Program for "Indoor Air Exposures, Genes, and Gene-Environment Interactions in the Etiology of Asthma and Allergy in Early Childhood". October 14, 2007.
2010	Clean Air STAR Research Center Review. April 7-9, 2010. Alexandria, VA

Committee Memberships and Scientific Leadership

National Institute of Environmental Health Science

1996-1998	Electric and Magnetic Field Steering Committee
1996	Organizing Committee, Electric and Magnetic Fields Science Review Symposia
1997-2001	Symposium and Lecture Committee
1997-1998	Environmental Genome Project Working Group
1998-2000	Clinical Advisory Council
1998-2002	Laboratory of Pulmonary Pathobiology, Search Committee
2000	Assembly of Scientists, subcommittee on compensation for post doctoral fellows
2000-2002	Biologic Specimen Committee
2000	Workshop Organizer and Chair "Early Life Factors in Childhood Respiratory Illness". October 17, 2000.

2001	Workshop Organizing Committee – “Diets, Antioxidants and Environmental Influences on Health and Disease” – March 13-14, 2001
2002-2006	NIEHS Institutional Review Board
2005	NIEHS Strategic Planning Committee
2005-2006	Workshop Organizer and Chair, “Omega-3 Fatty Acid Supplementation During Pregnancy and Infancy: New Opportunities for Prevention Trials”, March 8-9, 2006
2006	Planning committee, NIEHS Workshop on Global Environmental Health Search Committee member – Clinical Research, Staff Clinician Search Committee member - Three physician-scientist positions Planning committee, NIEHS contribution to trans-NIH Science Challenge Day NIEHS Leadership Council Retreat, August 29, 2006. Committee on Promotions I , 2006-present
2007	Search Committee member – Scientific Director, Division of Intramural Research, NIEHS Search Committee Chair, Director of Extramural Research and Training Molecular Genetics Core Advisory Committee, 2007- present
2008-present	Clinical Advisory Committee
2011	Scientific Director’s Advisory Committee Search Committee member – Clinical Director, NIEHS

National and International

1994-1995	Harvard Center for Risk Analysis, Advisory Committee on EMF and Human Health
1997	External Advisory Committee of the Massachusetts Institute of Technology Center for Environmental Health Sciences
1998	Lung Cancer Screening Task Force, National Cancer Institute Invited participant, American Thoracic Society Workshop on “What constitutes an adverse respiratory health effect?” Baltimore MD.
1999	Program Committee, American Association for Cancer Research, Program Committee
2000	Co-Chair, Symposium on Genetic Susceptibility and Biologic Plausibility, American Association for Cancer Research International Meeting, 2000.
2000-2004	American Thoracic Society, Environmental and Occupational Health Assembly, Program Committee

- 2001 National Cancer Institute, Lung Cancer Progress Review Group,
 Roundtable meeting, invited participant. Chantilly, Virginia.
 April 16-18, 2001.
 Symposium Organizer and Chair, “The Hygiene Hypothesis in Childhood
 Asthma”. American Thoracic Society International Meeting, May 20,
 2001.
 Chair, Session on “Epidemiologic Studies of Gene-Environment
 Interaction in Cancer”, US-European Workshop: Gene-Environment
 Research at the Interface of Toxicology and Epidemiology.
 Garmisch, Germany, September 4-5, 2001.
 Advisor to Childhood Origins of Asthma Study (NIH R01HL061879),
 University of Wisconsin.
 Plenary session chair, Workshop on Mechanistic Considerations in the
 Design and Interpretation of Molecular Epidemiologic Studies of
 Cancer. International Agency for Research on Cancer, Lyon, France,
 November 14-17, 2001.
 Gene-Environment Interaction Working Group Member, National
 Children’s Study.
 Councilor, International Society for Environmental Epidemiology.
 Program Committee Chair-Elect, Environmental and Occupational Health
 Assembly, American Thoracic Society.
 International Program Committee, American Thoracic Society
 External Scientific Advisory Committee, NIH grant “Partnerships to
 Eliminate Disparities in Cancer Outcomes”. Duke University.
- 2002 Ad-hoc reviewer. MBRS-SCORE Program, Medical Sciences Campus,
 University of Puerto Rico.
 Chair, poster-discussion session on “Obesity and Asthma”, American
 Thoracic Society International Meeting, May 20, 2002.
 Co-Chair, Asthma Working Group, National Children’s Study
 Organizer and chair. Symposium “Genetics of Pulmonary Response to
 Environmental Agents”.
- 2003 International Conference of the American Thoracic Society.
 Program Committee Chair, Environmental and Occupational Health
 Assembly, American Thoracic Society
 International Program Committee, American Thoracic Society.
 Councilor, International Society for Environmental Epidemiology.
- 2004 International Program Committee, American Thoracic Society.
 Councilor, International Society for Environmental Epidemiology.
 Program Committee. Workshop “Environmental Influences on the
 Induction and Incidence of Asthma”. Jointly sponsored by EPA and
 NIEHS. March 18-19, 2004.

- 2005 Planning Committee, Environmental and Occupational Health Assembly, American Thoracic Society.
Advisory Committee, EPA funded, Harvard Particulate Matter Center, 2005-present
- 2006 Planning Committee, Environmental and Occupational Health Assembly, American Thoracic Society.
Scientific planning committee for the 2007 International Conference of the International Society for Environmental Epidemiology held Sept. 5-9, 2007.
- 2007 Program Committee, Environmental and Occupational Health Assembly, American Thoracic Society. 2007-2008.
Planning Committee, Environmental and Occupational Health Assembly, American Thoracic Society
Nominating Committee, Environmental and Occupational Health Assembly
Co-chair of mini-symposium “Triggering the gun: Exposure and genetic interaction in lung disease”. American Thoracic Society International Conference, San Francisco, CA, May 22, 2007.
Consulting Team member, Community Guide Asthma Initiative, Centers for Disease Control.
Organizer and Chair of session “Emerging issues in Air Pollution Research”, International Society for Environmental Epidemiology annual conference, Mexico City, September 8, 2007.
External Advisory Committee, Environmental Protection Agency Particulate Matter Center at Harvard School of Public Health. Term **2007-2010**.
Health Review Committee, Health Effects Institute, Term **2007-2015**.
- 2008 Chair, Planning Committee, Environmental and Occupational Health Assembly, American Thoracic Society, Term **2008-2010**.
Co-Chair. Poster Discussion session “Supersizing knowledge of diet, obesity and respiratory diseases”. American Thoracic Society International Conference. May 21, 2008.
NHLBI Working Group: Building Partnerships Toward Global Approach to Genetics of Asthma and other Lung Diseases. Initial meeting held July 17-18, 2008, Bethesda, MD.
Session Chair. Respiratory Effects of Occupational and Environmental Exposures. International Society for Environmental Epidemiology Joint Annual Conference. October 14, 2008. Pasadena, CA.
Air Pollution Group, Global Burden of Disease 2005 project. 2008-present.
- 2009 External Advisory Committee, Pediatric Environmental Medicine Center, University of Pittsburgh Medical Center. April 23, 2009.
- 2010 Scientific Advisory Board, Helmholtz Institute, July 2010-present

- 2011 Co-Chair, Session “Genetic and Epigenetic Studies of Environment Lung Disease”, American Thoracic Society International Conference, May 8, 2011.
Facilitator, Thematic Poster Session, “Early Environmental Exposures that Influence Allergy and Lung Disease”, May 15, 2011

Editorial Activities

1995-2000	Pharmacogenetics, Editorial Board
1997-2009	American Journal of Epidemiology, Associate Editor
2002-2006	Epidemiology, Editorial Board
2007-2008	Interim Editor, Environmental Health Perspectives
2007-	Epidemiology, Editor

Peer reviewer for journals

American Journal of Epidemiology
American Journal of Industrial Medicine
American Journal of Respiratory and Critical Care Medicine
Annals of Epidemiology
British Medical Journal
Carcinogenesis
Cancer Causes and Control
Cancer Epidemiology, Biomarkers and Prevention
Cancer Research
Epidemiology
European Respiratory Journal
Journal of Allergy and Clinical Immunology
Journal of the National Cancer Institute
Lancet
Lung Cancer
New England Journal of Medicine
Pediatric and Perinatal Epidemiology
Pediatrics
Pharmacogenetics

Invited Presentations

1. “Design Issues in Epidemiologic Studies of Genetic Polymorphism of Xenobiotic Metabolizing Enzymes and Cancer Risk”. U.S., Japan Cancer Workshop on Xenobiotic Metabolizing Enzymes and their Roles in Cancer Susceptibility. Kauai, Hawaii, February 20-23, 1994.
2. “Rationales for gene-environment interactions”. International Society for Environmental Epidemiology, Research Triangle Park, North Carolina, September 20, 1994.

3. "Genetic Susceptibility". Symposium "Environmental Exposures and Susceptibility: A Clinical and Policy Focus". American College of Occupational and Environmental Medicine. Las Vegas, Nevada, May 4, 1995.
4. "Methodologic issues in studies of gene-environment interactions". Workshop on Diet, Nutrition and Genetic Susceptibility. National Cancer Institute. Washington DC, January 22-23, 1997.
5. "Magnetic fields, melatonin and breast cancer risk". Obstetrics and Gynecology Grand Rounds, Duke University School of Medicine. January 29, 1997.
6. "Genetic polymorphisms of carcinogen metabolizing enzymes and lung cancer risk". University of California, San Francisco, School of Medicine symposium: "Molecular Advances in Cancer Epidemiology and Prevention". San Francisco, CA. February 22, 1997.
7. "Magnetic fields and breast cancer risk". 3rd Annual Breast Cancer Research Program Retreat of the USC/Norris Cancer Center. San Diego CA, February 19, 1997.
8. "Magnetic fields, melatonin and breast cancer risk". Environmental Health Seminar Series. Colorado State University. Fort Collins, Colorado. March 17, 1997.
9. "Epidemiology of EMF – What does it tell us about designing future studies"? U.S-Japan Seminar on ELF-EMF and Health. Organized by National Institute for Environmental Studies (Japan) and Japan Environmental Agency. Tokyo, Japan. March 21, 1997.
10. Symposium on the Environmental Genome Project. Moderator and Speaker, session IV - "Population-based epidemiological studies". Bethesda MA, October 17-18, 1997.
11. "Genetic Susceptibility to Asthma". Symposium on "Genes, the Environment and the Inherited Basis of Disease". Dearborn, MI. October 31, 1997.
12. "Genetic Susceptibility to Lung Cancer". Visiting Pulmonary Scholar Program. Duke University Medical Center, November 5, 1997.
13. "Magnetic fields and breast cancer". NIEHS EMF Science Review Symposium II: Epidemiological Research Findings. San Antonio TX, January 12, 1998.
14. "Genetic Susceptibility to Lung Cancer". Radiation Oncology Grand Rounds. Duke University Medical Center. February 28, 1998.
15. "Genetic Susceptibility to Lung Cancer". Harvard School of Public Health. Boston Massachusetts. February 9, 1998.

16. "New studies of genetic susceptibility to childhood respiratory illness". Centers for Disease Control. Atlanta, GA. December 11, 1998.
17. "The role of genetic susceptibility in environmentally related disease". National Institute for Nursing Research, Summer Genetics Institute Planning Meeting, Bethesda MD March 15, 1999.
18. "Genetic susceptibility to childhood respiratory illness". University of Iowa Environmental Health Sciences Research Center. Iowa City, Iowa. May 17, 1999.
19. "Genetic susceptibility to adult nonmalignant respiratory disease". Institute for Social and Preventive Medicine, University of Basel. Basel, Switzerland. July 9, 1999.
20. "IGF-1 and Cancer: An epidemiologist's commentary". 5th International Symposium on Insulin-Like Growth Factors. Brighton, United Kingdom. Nov 4, 1999.
21. "A gene-diet interaction in lung cancer". 12th Annual California Cancer Registries Conference "Genes and Environment: Clues to Cancer Causation and Prevention", San Diego CA, March 13, 2000.
22. "Gene diet interaction in lung cancer". Environmental and Occupational Health Sciences Institute, UMDNJ-Robert Wood Johnson Medical School, Piscataway NJ, April 25, 2000.
23. "Cancer risk and polymorphisms of cytochrome P450s and other xenobiotic metabolism enzymes". Conference on Pharmacogenetics/Genomics of Cytochrome P450. American Society for Biochemistry and Molecular Biology/American Society for Pharmacology and Experimental Therapeutics 2000 annual meeting. June 4, 2000. Boston MA.
24. "Gene-diet interaction in lung cancer". National Institute of Public Health, Cuernavaca, Mexico. September 13, 2000.
25. "Gene-diet interaction in lung cancer". Lovelace Respiratory Research Institute International Symposium on Susceptibility Factors for Respiratory Diseases. October 4, 2000. Santa Fe, NM.
26. "Gene-diet interaction in lung cancer". Cancer Seminar Series. Dept. of Epidemiology, University of North Carolina School of Public Health, October 27, 2000, Chapel Hill, NC.
27. "Molecular Epidemiology of Lung Disease". Environmental Mutagen Society 32nd Annual Meeting, San Diego, CA, March 17, 2001.

28. "Genetic Susceptibility to Childhood Asthma". Pulmonary Division Seminar .. Duke University Medical Center. December 4, 2001.
29. "Genetic and Environmental Factors in Childhood Respiratory Illness". Department of Environmental and Environmental Toxicology. North Carolina State University. March 5, 2001.
30. "Genetic susceptibility to lung cancer: a molecular epidemiologist's perspective" as part of symposium "Screening for Lung Cancer: A Critical Review of the Evidence and Future Prospects". 2002 International Conference of the American Thoracic Society. Atlanta GA, May 21, 2002.
31. "Interactions between genes". AACR International Conference in Cancer Research: Molecular and Genetic Epidemiology of Cancer. January 18, 2003. Hilton Waikoloa Village, Waikoloa, Hawaii.
32. "Genetic susceptibility to asthma" NIH Directors Seminar Series. April 4, 2003. Bethesda, MD.
33. "Population-based study designs". Postgraduate Course on Genetic Association Studies in Complex Disease. American Thoracic Society International Conference. May 16, 2003. Seattle W A.
34. "Susceptibility to air pollution: gene-environment interaction". Postgraduate Course on New Tools to Evaluate the Health Effects of Air Pollution in Epidemiologic Studies. American Thoracic Society International Conference. May 17, 2003. Seattle W A.
35. "Susceptibility to air pollution". In symposium: "Emerging issues in air pollution w: what's hot, what's not". American Thoracic Society International Conference, Orlando FL May 23, 2004.
36. "Susceptibility to air pollution". Workshop on the Swiss Cohort Study on Air Pollution and Lung Diseases in Adults. Monte Verita, Switzerland. August 18, 2004.
37. Air pollution and asthma induction. Workshop "Environmental Influences on the induction and incidence of asthma". Environmental Protection Agency, RTP, NC Oct 18, 2004.
38. Genetic susceptibility to childhood asthma. Environmental Health Seminar Series. Department of Environmental Health, University of Cincinnati. November 3, 2004.
39. Gene-environment interaction and childhood respiratory health. Workshop on Childhood and Environment. Spanish network of research on childhood health and the environment. Granada, Spain. Feb 2-4, 2005.

40. Pharmacologic Approaches to Air Pollution Effects. Symposium on Nutritional and Pharmacological Protection from Air Pollutants. Annual meeting of the American Academy of Allergy, Asthma and Immunology. March 22, 2005.
41. Gene-environment interaction in air pollution research. Symposium on Intervention studies in air pollution research. American Thoracic Society International Conference. May 24, 2005.
42. Gene-Environment Interaction in Asthma. National Institute of Public Health, Oslo Norway, May 8, 2006.
43. Gene-Environment Interaction in Asthma. Transatlantic Airway Conference. Lucerne, Switzerland, January 18-19, 2006
44. Gene-environment interaction in asthma. University of North Carolina School of Public Health, Epidemiology Department monthly seminar. March 7, 2007
45. Determinants of susceptibility to air pollution and their global distributions. Health Effects Institute annual conference, April 16, 2007.
46. Gene-environment interaction in asthma. Airway Biology Forum Seminar Series, Duke University Medical Center. May 11, 2007
47. Gene-environment interaction in asthma. Early Training Session. International Society for Environmental Epidemiology annual meeting in Mexico City, September 7, 2007.
48. Gene-environment interaction in asthma: issues to consider in designing a new birth cohort. ALLERGEN annual meeting, Banff, Canada, February 10, 2008.
49. Gene-environment interaction in asthma – opportunities for cross-cohort collaboration. MRC CAiTE Birth Cohorts Research Symposium. University of Bristol, Bristol, UK, April 21-22, 2008.
50. Drawing conclusions about gene-environment interaction in occupational and environmental lung diseases. In symposium “Genetics and Occupational/Environmental Lung Disease: informing dose-response relationships, risk modification and associated regulatory approaches”. American Thoracic Society International Conference. May 19, 2008.
51. Air pollution, genes and asthma. In symposium “Candidate Interactions in Asthma and COPD”. American Thoracic Society International Conference. May 20, 2008.
52. “Gene-Environment Interaction: Issues to Consider”. Geni Mini-Symposium hosted by the Gene Environment Initiative at Harvard School of Public Health. October 3, 2008. Boston, MA.

53. “Gene-Environment Interactions”. Training Session. International Society for Environmental Epidemiology 2008 Joint Annual Conference. October 15, 2008. Pasadena, CA.
54. “Genome-wide association studies of asthma and pulmonary function”. University of Texas Houston School of Public Health, Sept 22, 2009.
55. “Genome-wide association studies of asthma and pulmonary function”. Duke University, January 29, 2010
56. “Health effects of climate change”. American Association of Asthma, Allergy and Immunology Annual Conference. Plenary session. Feb 28, 2010.
57. “Genome-wide association studies of pulmonary function”. DIR highlight talk at NIEHS Council Feb 18, 2010.
58. “Gene by air pollution interaction in childhood respiratory health”. Health Effects Institute Annual Conference, Alexandria VA, April 27, 2010.
59. “Gene by air pollution interaction in respiratory disease”. Symposium “Individual Susceptibility to Air Pollution”. American Thoracic Society International Conference. New Orleans, LA, May 17, 2010.

Consultant to Extramural Studies

1997-2002	Lenore Arab, PhD. University of North Carolina School of Public Health. Fatty acids and tumor characteristics in breast cancer. NCI R01 CA754504
1997-2002	Ronald Ross, MD. Dietary factors in the etiology of cancer in Shanghai. NC1 R01CA43092
1999-2004	Henry Gong, MD, Respiratory Disease and Prevention. 5P01ES09581 (EPA-NIEHS Centers for Children's Environmental Health and Disease Prevention). Project – Children’s Susceptibility to Air Pollution, Frank Gilliland, MD, PhD, PI
2007-2011	Patrick Breysee, PI. P50ES015903. Center for Childhood Asthma in the Urban Environment, Project 3 - Nrf2 Dependent Regulation of Oxidative Stress in Asthma, Shyam Biswal, PI.
2008-2012	Esteban Burchard, PI. R01HL088133. Whole Genome Analyses for Asthma in Latino Populations

Extramural Funding Prior to Joining the NIEHS Intramural Program

Short-term and long-term exposure to ozone and particulate air pollution and respiratory health in Southern California Children, Principal Investigator, Environmental Protection Agency. Dates of funding 10-01-95 to 12-31-98. \$1,759,937 Relinquished 11-95 when I came to NIEHS and designated Edward Avol, MS as principal investigator.

A Genetic Marker of Lung Cancer Risk Among Blacks and Whites. Principal Investigator, State of California, Tobacco-Related Disease Research Program. 3RT-140, 7-1-90 through 6-30-93, \$ 655,160

Genetic Markers of Lung Cancer Risk Among Blacks and Whites. Principal Investigator. State of California, Tobacco-Related Disease Research Program. 3RT-0403. 7-1-92 through 6-30-95, \$302,695

Epidemiologic Investigation to Identify Chronic Effects of Ambient Air Pollutants in Southern California. Co-investigator, Principal Investigator, John Peters, MD, ScD.

California Air Resources Board, Contract A033-186, 3-1-95 through 8-31-02. \$10,456,132. (Renewal of award beginning 1992)

Research Career Development Award, Principal Investigator, Stop Cancer. 3-1-93 through 2-28-96. \$150,000, Relinquished 11-95 when I came to NIEHS.

Magnetic Fields and Breast Cancer. Principal Investigator. 5R01-ES06912, National Institute of Environmental Health Sciences. 10-1-94 through 9-30-99, \$1,245,165. Relinquished 11-95 when I came to NIEHS and designated John Peters, MD, ScD as principal investigator.

Magnetic Fields and Breast Cancer, Principal Investigator, US Department of the Army, 10-1-94 through 9-30-98, \$970,528, Relinquished 11-95 when I came to NIEHS and designated John Peters, MD, ScD as principal investigator.

Research Interests

Genetic and environmental factors in respiratory illness

Mentoring and Research Direction

1. Jan Lowery (1990-91) – I supervised her master’s thesis for the University of California, Los Angeles, Department of Environmental Health Sciences. Topic – Renal cancer in architects. Currently Assistant Professor, Epidemiology, Colorado School of Public Health.
2. Akiko Tomita (1993-94) – I supervised her master’s thesis in Biometry, University of Southern California School of Medicine. Topic – Fatty acids and breast cancer. Subsequently took position as a statistician at Amgen, Thousand Oaks, CA.
3. Catherine Carpenter (1993-96). I supervised her PhD thesis for the University of California, Los Angeles, Department of Epidemiology. Topic – Risk factors for lung cancer in African-Americans and Caucasians. Currently at University of California, Los Angeles, School of Medicine. Adjunct Asst Professor, Dept of Medicine.
4. Gloria David (former Gloria David-Beabes), PhD in Pharmacology. Postdoctoral IRTA Fellow, Laboratory of Respiratory Biology, at NIEHS 1/2000-8/2004. Completed NIH-Duke Masters of Clinical Research Program with NIEHS support during that time. Since 8/2004 Research Scientist at Rho Federal Systems, Inc, Chapel Hill, NC.
5. Lesley Butler, PhD. Epidemiology, UNC. Postdoctoral IRTA, Epidemiology Branch, at NIEHS 12/2001-7/2003. Research Area - Dietary, genetic and environmental influences on the risk of asthma and chronic bronchitis. 7/2003-10/2008 Research Assistant Professor at University of California at Davis. 10/2008-present Assistant Professor, Department of Epidemiology, Colorado State University.
6. Paivi Salo, MS, Doctoral Candidate, Department of Environmental Health Sciences, University of North Carolina. Predoctoral IRTA Fellow, Epidemiology Branch, NIEHS 2000-2005. Research Area - Risk factors for respiratory illness in a cohort of middle school students in Wuhan, China. Since 2005 Postdoctoral Fellow in the Laboratory of Respiratory Biology, NIEHS under Darryl Zeldin.
7. Leslie Elliot, PhD Epidemiology, UNC. Postdoctoral IRTA. Was working at NIEHS with another PI for one year and then transferred to work with me from 6/1/05 to 12/31/07. Currently Assistant Professor, Assistant Professor, Department of Epidemiology, University of Nebraska Medical Center College of Public Health.
8. Haidong Kan, PhD, Environmental Sciences, Fudan University 2003. Postdoctoral fellow at NIEHS 1/2005-12/2007. Research area – health effects of air pollution. Winner of the David Bates award for abstract for the American Thoracic Society 2007 International Conference. Currently Associate Professor and Deputy Director, Department of Environmental Sciences, Fudan University, Shanghai, China.
9. Hao Wu, PhD, Biochemistry and Molecular Biology, Chinese Academy of Sciences 2003. Postdoctoral Fellow, Yale University, Molecular Cellular and Development Biology 1/2004-12/2004. Postdoctoral IRTA, Laboratory of Respiratory Biology, NIEHS 3/2005-8/2010. Completed NIH-Duke Masters of Clinical Research Program 2006-2008. Research area – genetic susceptibility to respiratory disease. Dr. Wu’s abstract for the 2007 American Thoracic Society 2007 International Conference selected for presentation in the Scientific Breakthroughs of the Year session (1 of only 5 selected out of over 4,000 abstracts). Abstract to the 2009

American Academy of Asthma, Allergy and Immunology selected for Strategic Training in Allergy Research (ST*AR) Program which provides scientific presentation training and mentoring activities before the annual conference and pays the costs of travel. Currently enrolled in Masters program in Biostatistics, NC State University with paid internship at SAS.

10. Tricia Levan, PhD –Special volunteer with me at NIEHS for three months (4/1/05-7/1/05) to further her epidemiology training under her own postdoctoral fellowship funding. Currently Assistant Professor, University of Nebraska School of Medicine.
11. Dana Bowling Hancock, PhD, Genetics, Duke University 2008. NIEHS Postdoctoral IRTA from May 2008-December 2010. Research area – Genome wide association studies, gene by environment interaction. Awards and recognition – 2009 NIH FARE Award and abstract selected for oral presentation. 2010 – American Thoracic Society Travel Award. Currently Research Epidemiologist, Research Triangle Institute.
12. Siri Håberg, MD, PhD in Epidemiology. Visiting Fellow (Norwegian Research Council Postdoctoral Funding). Aug 2008-July 2009. Research area – early life factors in asthma etiology. Currently Senior Advisor, Norwegian Institute of Public Health.
13. Laura Loehr, MD, PhD in Epidemiology, UNC, 2008. Postdoctoral Fellow, 9/17/08 to 7/1/09. Research area for postdoc: Early life factors in asthma etiology, genome wide association studies, epidemiology of heart failure. Currently Clinical Assistant Professor, Department of Medicine, UNC-Chapel Hill School of Medicine and Research Assistant Professor, Department of Epidemiology, UNC-Chapel Hill School of Public Health.
14. Bonnie Joubert, PhD in Epidemiology UNC 2008. Research Fellow Sept 2010-present.
15. John House, PhD in Toxicology, North Carolina State University, 2010. Postdoctoral Fellow July 19, 2011-present.

Bibliography

Peer Reviewed Publications:

1. **London SJ**, Colditz GA, Stampfer MJ, Willett WC, Rosner B, Speizer FE. A prospective study of relative weight, height, and the risk of breast cancer. *JAMA* 1989;262:2853-2858.
2. **London SJ**, Colditz GA, Stampfer MJ, Willett WC, Rosner B, Speizer FE. A prospective study of smoking and the risk of breast cancer. *J Natl Cancer Inst* 1989;81:1625-1631.
3. Hankinson SE, **London SJ**, Chute CG, Barbieri RL, Jones L, Kaplan LA, Sacks FM, Stampfer MJ. Effect of transport conditions on the stability of biochemical markers in blood. *Clin Chem* 1989;35:2313-2316.
4. Balmes J, **London SJ**, and Peters JM. Isocyanates, polyurethane paints, and asthma. *West J Med* 1990;152:172-173.
5. Colditz GA, Willett WC, Stampfer MJ, **London SJ**, Segal MR, Speizer FE. Patterns of weight change and their relation to diet in a cohort of healthy women. *Am J Clin Nutr* 1990;51:110-115.
6. **London SJ**, Colditz GA, Stampfer MJ, Willett WC, Rosner B, Speizer FE. Lactation and risk of breast cancer among a cohort of US women. *Am J Epidemiol* 1990;132:17-26.
7. **London SJ**, Willett WC, Longcope C, McKinlay S. Alcohol and other dietary factors in relation to serum hormone levels among women at the climacteric. *Am J Clin Nutr* 1991;53:166-171.
8. O'Leary LM, Hicks AM, Peters JM, **London S**. Parental occupational exposures and risk of childhood cancer: A review. *Am J Ind Med* 1991;20:17-35.
9. Lowery JT, Peters JM, Deapen D, **London SJ**. Renal cell carcinoma among architects. *Am J Ind Med* 1991;20:123-125.
10. Hicks AM, O'Leary LM, **London S**, Goldberg R. Lead exposure at outdoor firing ranges. *J Occup Med* 1991;33:718-719.
11. **London SJ**, Sacks FM, Caesar J, Stampfer MJ, Siguel E, Willett WC. Fatty acid composition of subcutaneous adipose tissue and diet among postmenopausal women. *Am J Clin Nutr* 1991;54:340-345.
12. Cicioni C, **London SJ**, Garabrant DH, Bernstein L, Phillips K, Peters JM. Occupational asbestos exposure and mesothelioma risk in Los Angeles County: Application of an occupational hazard survey job-exposure matrix. *Am J Ind Med* 1991;20:371-379.
13. **London SJ**, Thomas DC, Bowman JD, Sobel E, Peters JM. Exposure to residential electric and magnetic fields and risk of childhood leukemia. *Am J Epidemiol* 1991;134:923-937.
14. **London SJ**, Connolly JL, Schnitt SJ, Colditz GA. A prospective study of benign breast disease and risk of breast cancer. *JAMA* 1992;267:941-944.
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